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J.  
m/047/022

December 3, 2002

Mr. Paul Feltch  
Uintah County Road Department  
1489 East 335 South  
Vernal, Utah 84078

Mr. Dan O'Leary  
Crown Asphalt Corporation  
c/o MCNIC Pipeline and Processing  
150 West Jefferson Avenue, Suite 1700  
Detroit, Michigan 48226

Re: Drainage Control Structure Maintenance, Uintah County Road Department and Crown Asphalt Corporation, Asphalt Ridge Mine, M/047/022 and M/047/032, Uintah County, Utah

Dear Mr. Feltch and Mr. O'Leary:

On October 8, 2002, Doug Jensen and I inspected the Asphalt Ridge Mine in response to a verbal complaint from Lyle McKeachnie. The purpose of this letter is to reiterate the recommendations given in the inspection report and while we were at the site. If you have questions about these recommendations, please either contact me or refer to the report for further details.

The recommendations in the report are:

1. There is a berm on the north side of the lowermost pond, and this berm needs to be built up to keep more of the water in the pond. We also talked about having you put a low spot in the berm to allow water to overflow, if necessary, without eroding the dam.
2. Although the sand pile was not meant to be a retention pond, it is in a position where it could function as one in the event of a severe storm with heavy runoff. It was agreed during the inspection that some material uphill from the sand pile could be cleaned out in such a way that this would become, essentially, an emergency overflow catchment.
3. There is a ditch that parallels the old road that leads downhill from the sand pile, and while this ditch has not been breached, there is a lot of brush growing in it that should be cleaned out.

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4. Across the road from the ditch mentioned in item #3, there is some material in what remains of the natural drainage. A ditch cut across the road at this point would direct any runoff not contained in upstream catchments into the ditch and a bermed area at the bottom of the ditch.
5. In the northeast part of the county's area is an asphalt processing and loading area. On the west side of this area is a culvert that carries drainage through a berm into a natural channel in the undisturbed area. A notched silt fence should be installed in front of this culvert to minimize the amount of sediment leaving the site.
6. During the inspection, we discussed drainage control along the road that defines the east boundary of the disturbed area. Much of this drainage flows south along the road then across the road to the east side where it has created a small gully. We discussed various options for solving this problem, such as installing a culvert to allow the water to continue flowing south into a bermed area, or putting in culverts to direct the water into small natural drainages on the east side of the road. Another option that we did not discuss would be to install a culvert leading southeast (diagonally) into the larger natural drainage to the north of the row of houses that have been developed. This option may better satisfy the developer, Mr. Haws, because it keeps drainage out of most of the area he intends to develop yet still puts the water in a natural channel.

Please do not hesitate to call me at 801-538-5261 if I can clarify any of this information. Thank you for your cooperation.

Sincerely,



Paul B. Baker  
Senior Reclamation Biologist

jb

cc: Jay Mealey, Crown Asphalt, S.L. Office  
John Blake, SITLA

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